

Pierre Mvita

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Summary of Qualifications

- Full-stack engineer and IT specialist skilled in building secure, scalable web applications and managing modern IT & Cloud environments.
- Skilled in building secure, scalable applications and deploying infrastructure on AWS and React Native ecosystems.
- Strong understanding of networking, security principles, and troubleshooting across Windows, macOS, and Linux environments.
- Currently pursuing AWS Cloud Practitioner and CompTIA Security+ certifications to expand cloud and cybersecurity expertise.
- Completed Meta Front-End, Meta Back-End Developer, & Google IT Support certifications through Coursera, with hands-on experience.

Technical Skills

Programming & Frameworks: Python, JavaScript, TypeScript, HTML, CSS, React.js, Node.js, Next.js, React Native, Expo, Tailwind CSS, REST APIs, Web3.js

Networking & Security: TCP/IP, DNS, DHCP, Firewalls, IAM Policy Design, GuardDuty, CloudTrail, Wireshark, Cisco Packet Tracer, Kali Linux, VPN

Databases: Firebase, PostgreSQL, SQLite, MongoDB,

Tools & Platforms: VSCode, Postman, Figma, VMware, Microsoft 365, Jira, Trello, Git, GitHub

Operating Systems: Windows, macOS, Linux (Ubuntu, Kali), Android, iOS

Cloud & DevOps: AWS (EC2, S3, IAM, RDS, Lambda, VPC, CloudTrail, CloudWatch, API Gateway), Terraform, Kubernetes, GitHub Actions.

Education & Certifications

AWS Cloud Practitioner Certificate

Expected Completion 2025

CompTIA Security+ Certificate

Expected Completion 2025

Google AI Essentials

Completed 2025

Google IT Support Professional Certificate

Completed 2025

Meta Front-End Developer Professional Certificate

Completed 2024

Meta Back-End Developer Professional Certificate

Completed 2024

Education

Alberta Highschool School Diploma

Jul 2014

Morinville Community High School | Morinville, Alberta

Junior IT Analyst Program

Apr 2025 – Jul 2025

NPower Canada | Toronto, ON

14-week intensive online class training on the fundamentals of computer technology, and project management essentials.

- Configure device operating systems including Windows and Linux, while configuring disk partitions and filesystems
- Troubleshoot and problem-solve core service and support challenges while applying best practices for documentation, change management, and scripting
- Support basic IT infrastructure and networking, including DNS and DHCP, applying standard protocols with TCP/IP communications
- Configure and support PC and IoT device hardware
- Manage an organization's computers and users using Directory Services, Active Directory, and OpenLDAP
- Develop a complete understanding of the Agile project management lifecycle, key techniques and deliverables

Work Experience

IT Consulting

Sep 2024 - Present

Freelance & Private Contracting | Toronto, Ontario

- Migrated 10TB+ of data to AWS S3, designing VPC and IAM architectures for secure cloud access.
- Implemented multi-factor authentication (MFA), GuardDuty monitoring, and disaster recovery protocols.
- Automated data synchronization between on-premises and AWS using Transfer Family and Storage Gateway.
- Designed secure data pipelines with AWS Transfer Family and AWS Storage Gateway to streamline uploads from local infrastructure to the cloud.
- Reduced operational costs by 25% using S3 Intelligent-Tiering and Reserved Instances.
- Maintained strict NDA compliance for all client engagements to ensure data confidentiality.

Full-Stack Engineering

Jan 2023- Present

Freelance & Independent Projects | Toronto, Ontario

- Built and deployed full-stack applications using React.js, Node.js, Firebase, and Next.js.
- Integrated JWT/OAuth authentication, encryption with SecureStore, and Web3.js for blockchain-based logins.
- Delivered cross-platform mobile apps via React Native and Expo, with secure cloud storage in AWS S3.
- Collaborated with global clients to analyze requirements and design scalable UIs with TypeScript, Tailwind CSS, and responsive frameworks
- Automated deployments using GitHub Actions and CI/CD pipelines, improving release efficiency by 40%.